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Terms	Documents
L4 and kojic	1

Database:

US Patents Full-Text Database
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EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L13

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Friday, September 05, 2003 [Printable Copy](#) [Create Case](#)

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side by side

Hit Count Set Name
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=AND

<u>L13</u>	L4 and kojic	1	<u>L13</u>
<u>L12</u>	L14 and kojic	0	<u>L12</u>
<u>L11</u>	L10 and skin	9	<u>L11</u>
<u>L10</u>	nobiletin	49	<u>L10</u>
<u>L9</u>	nobelitin	0	<u>L9</u>
<u>L8</u>	L6 and citrus	0	<u>L8</u>
<u>L7</u>	L6 and l1	0	<u>L7</u>
<u>L6</u>	5980904	9	<u>L6</u>

DB=JPAB,EPAB,DWPI; PLUR=YES; OP=AND

<u>L5</u>	L3 and (vitamin adj C or ascorb\$)	2	<u>L5</u>
<u>L4</u>	L3 and (cosmetic or skin or whiten\$ or lighten\$)	36	<u>L4</u>
<u>L3</u>	L1	128	<u>L3</u>

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=AND

<u>L2</u>	L1 and ((424/\$)!.CCLS.)	52	<u>L2</u>
<u>L1</u>	citrus and (tachibana or unshiu)	282	<u>L1</u>

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 12:22:43 ON 05 SEP 2003)

FILE 'REGISTRY' ENTERED AT 12:23:13 ON 05 SEP 2003

L1 1916 S CITRUS
L2 0 S L1 AND TACHIBANA

FILE 'CAPLUS, MEDLINE, KOSMET, FSTA' ENTERED AT 12:28:02 ON 05 SEP 2003

L3 989 S CITRUS AND (TACHIBANA OR UNSHIU)
L4 4 S L3 AND COSMETIC?
L5 4 DUPLICATE REMOVE L4 (0 DUPLICATES REMOVED)
L6 29216 S CITRUS
L7 572 S L6 AND COSMETIC?
L8 16 S L7 AND WHITE?
L9 15 DUPLICATE REMOVE L8 CAPLUS (1 DUPLICATE REMOVED)
L10 51 S L7 AND PEEL
L11 48 S L10 NOT L8
L12 3 S L10 AND L8
L13 46 DUPLICATE REMOVE L11 CAPLUS (2 DUPLICATES REMOVED)
L14 144 S L7 AND SKIN
L15 0 S L14 AND CITRUS/TI.
L16 19 S L14 AND CITRUS/TI
L17 13 S L3 AND NOBILETIN
L18 11 DUPLICATE REMOVE L17 CAPLUS (2 DUPLICATES REMOVED)
L19 328 S NOBILETIN
L20 4 S L19 AND COSMETIC?

=> s l19 and (whiten? or lighten?)

L21 1 L19 AND (WHITEN? OR LIGHTEN?)

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

WEST



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L4: Entry 33 of 36

File: DWPI

Jan 27, 1995

DERWENT-ACC-NO: 1995-101793

DERWENT-WEEK: 199514

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TITLE: External use agent for removing freckles and spots from skin - comprises kojic acid (deriv.) and one or more plant extracts, e.g. from Iceland moss, orris root, oak bark, gardenia, mallow, avens, citrus unshiu peel, grape, cornflower, etc.

PATENT-ASSIGNEE:

ASSIGNEE

SANSEI SEIYAKU KK

CODE

SIYA

PRIORITY-DATA: 1993JP-0174574 (July 14, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07025762 A	January 27, 1995		015	A61K031/35

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 07025762A	July 14, 1993	1993JP-0174574	

INT-CL (IPC): A61 K 7/42; A61 K 31/35; A61 K 35/78

ABSTRACTED-PUB-NO: JP 07025762A

BASIC-ABSTRACT:

The agent comprises kojic acid and/or its deriv., and one or at least two of Iceland Moss extract from Cetraria Islandica, Orris Root extract from Iris florentina, Oak Bark extract from Cortey quercus, Fumitory extract from Fumaria officinalis, Gardenia extract from Gardenia hasminoides Ellis, Nuphar extract from Nuphar japonicum DC, Euphrasia extract from Euphrasia officinalis, Linden extract from Tillia sylvestria, Tillia cordata Mill, and Tillia europaea, Horsetail extract from Equisetum arvense L., extract from Viscum album L., Mallow extract from Malva sylvestris, Avens extract from Geum japonicum Thub., Citrus Unshiu Peel extract from Citrus unshiu Markovich, Citrus aurantium L. subsp. nobilis Makino, Daisy extract from Bellis perennis, Elm Bark extract from Ulmus campestris, Grape extract from Vitis vinifera L., Mukurossi Peel extract from Spindus mukurossi Gaertner, Sweet Clover extract from Melilotus officinalis, Cornflower extract from Centaurea cyanu L., Saxifrage extract from Saxifrage stolonifera Meerburg.

8.00 wt.% of polyoxyethylene hardened castor oil, 15.00 wt.% of ethanol, 7.00 wt.% of kojic acid glucoside, 2.00 wt.% of Gardenia extract (water:ethanol=1:1), 0.50 wt.% of Nuphar extract (1,3-butylene glycol), 0.10 wt.% of paraoxybenzoic acid ester, 0.10 wt.% of citric acid, 0.30 wt.% of sodium citrate, 4.00 wt.% of 1,3-butylene-glycol, 0.01 wt.% of disodium edetate, and adequate amt. of purified distilled water were homogeneously mixed and dissolved. Appropriate amt. of the prepd. lotion was applied to the face.

USE - The agent is used for removing freckles and spots on the human skin.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: EXTERNAL AGENT REMOVE FRECKLES SPOT SKIN COMPRISE KOJIC ACID DERIVATIVE
ONE MORE PLANT EXTRACT ICELAND MOSS ROOT OAK BARK GARDENIA MALLOW CITRUS PEEL GRAPE
CORNFLOWER

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-N17; B14-R01; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

F012 F014 F015 F121 H4 H401 H481 H8 J5 J522

L9 L960 M280 M311 M321 M342 M373 M391 M413 M431

M510 M521 M530 M540 M782 M903 M904 M910 P943 Q254

Specific Compounds

01291N

Registry Numbers

1291U

Chemical Indexing M1 *02*

Fragmentation Code

M423 M431 M782 M903 P943 Q254 V400 V406

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1291U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-046557

WEST



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L4: Entry 32 of 36

File: DWPI

Dec 24, 1996

DERWENT-ACC-NO: 1997-103656

DERWENT-WEEK: 199710

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TITLE: Melanin formation inhibitor for treating spots and freckles - contains extract or Citrus unsihu Marcov.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ADVANCED SKIN RES KENKYUSHO KK

ADSKN

PRIORITY-DATA: 1995JP-0148538 (June 15, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08337534 A	December 24, 1996		006	A61K035/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08337534A	June 15, 1995	1995JP-0148538	

INT-CL (IPC): A61 K 7/00; A61 K 7/48; A61 K 35/78

ABSTRACTED-PUB-NO: JP 08337534A

BASIC-ABSTRACT:

Melanin formation inhibitor, partic. external preps., contains an extract of Citrus unsihu Marcov.

USE - Used in external preps. including cosmetics (e.g. ointments, creams, emulsions, packs and beauty wash) in an amt. of 0.0001-1 (pref. 0.005-0.1) wt.%. The inhibitor is a safe agent used for prevention and treatment of spots and freckles. Dried and pulverised Citrus unshiu Marcov. is pref. extracted with water and/or an organic solvent (e.g. MeOH, EtOH, acetone, EtOAc and hexane). The extract is condensed or pulverised and added to bases of external preps.

In an example melanoma cells HM3KO were inoculated in a nutrient medium at a rate of 100,000 cells/Petri dish. An extract of Citrus unshiu Marcov. was added at a rate of 0.0001, 0.0005 or 0.001% and cultured for 6 days. Slight, sufficient and marked discolouration was observed, respectively. A control gp. with added hydroquinone monobenzyl ether showed corresp. rate of none, slight and sufficient discolouration, respectively.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MELANIN FORMATION INHIBIT TREAT SPOT FRECKLES CONTAIN EXTRACT CITRUS

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-H01; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M781 M903 P943 Q254 V400 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-033252